

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	NECN 18.947
First Inventor	G. IKEGAMI
Title	CHIP-TYPE SEMICONDUCTOR DEVICE
Express Mail Label No.	EL639693882US

JC872 U S P T O
09/24/01
08/24/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	026304 (Insert Customer No. or Attach bar code label here)		or	<input type="checkbox"/> Correspondence address below
Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	Samson Helfgott	Registration No. (Attorney/Agent)	23,072
Signature			Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	G. IKEGAMI
Examiner Name	
Group Art Unit	
Attorney Docket No.	NECN 18.947

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																					
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 08-1634</p> <p>Deposit Account Name Helfgott & Karas, P.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> <td></td> </tr> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65 Surcharge - late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25 Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130 Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520 For filing a request for ex parte reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920* Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840* Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55 Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195 Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445 Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695 Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945 Extension for reply within fifth month</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155 Notice of Appeal</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155 Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135 Request for oral hearing</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510 Petition to institute a public use proceeding</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55 Petition to revive - unavoidable</td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620 Petition to revive - unintentional</td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620 Utility issue fee (or reissue)</td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220 Design issue fee</td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300 Plant issue fee</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130 Petitions to the Commissioner</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50 Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180 Submission of Information Disclosure Stmt</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40 Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355 Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355 For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355 Request for Continued Examination (RCE)</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900 Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ 40)</td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		105	130	205	65 Surcharge - late filing fee or oath	127	50	227	25 Surcharge - late provisional filing fee or cover sheet	139	130	139	130 Non-English specification	147	2,520	147	2,520 For filing a request for ex parte reexamination	112	920*	112	920* Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	115	110	215	55 Extension for reply within first month	116	390	216	195 Extension for reply within second month	117	890	217	445 Extension for reply within third month	118	1,390	218	695 Extension for reply within fourth month	128	1,890	228	945 Extension for reply within fifth month	119	310	219	155 Notice of Appeal	120	310	220	155 Filing a brief in support of an appeal	121	270	221	135 Request for oral hearing	138	1,510	138	1,510 Petition to institute a public use proceeding	140	110	240	55 Petition to revive - unavoidable	141	1,240	241	620 Petition to revive - unintentional	142	1,240	242	620 Utility issue fee (or reissue)	143	440	243	220 Design issue fee	144	600	244	300 Plant issue fee	122	130	122	130 Petitions to the Commissioner	123	50	123	50 Processing fee under 37 CFR 1.17(q)	126	180	126	180 Submission of Information Disclosure Stmt	581	40	581	40 Recording each patent assignment per property (times number of properties)	146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	179	710	279	355 Request for Continued Examination (RCE)	169	900	169	900 Request for expedited examination of a design application	Other fee (specify) _____				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40)	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																						
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)																																																																																																																																							
105	130	205	65 Surcharge - late filing fee or oath																																																																																																																																						
127	50	227	25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																						
139	130	139	130 Non-English specification																																																																																																																																						
147	2,520	147	2,520 For filing a request for ex parte reexamination																																																																																																																																						
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																						
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																						
115	110	215	55 Extension for reply within first month																																																																																																																																						
116	390	216	195 Extension for reply within second month																																																																																																																																						
117	890	217	445 Extension for reply within third month																																																																																																																																						
118	1,390	218	695 Extension for reply within fourth month																																																																																																																																						
128	1,890	228	945 Extension for reply within fifth month																																																																																																																																						
119	310	219	155 Notice of Appeal																																																																																																																																						
120	310	220	155 Filing a brief in support of an appeal																																																																																																																																						
121	270	221	135 Request for oral hearing																																																																																																																																						
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																						
140	110	240	55 Petition to revive - unavoidable																																																																																																																																						
141	1,240	241	620 Petition to revive - unintentional																																																																																																																																						
142	1,240	242	620 Utility issue fee (or reissue)																																																																																																																																						
143	440	243	220 Design issue fee																																																																																																																																						
144	600	244	300 Plant issue fee																																																																																																																																						
122	130	122	130 Petitions to the Commissioner																																																																																																																																						
123	50	123	50 Processing fee under 37 CFR 1.17(q)																																																																																																																																						
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																						
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																						
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																						
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																						
179	710	279	355 Request for Continued Examination (RCE)																																																																																																																																						
169	900	169	900 Request for expedited examination of a design application																																																																																																																																						
Other fee (specify) _____																																																																																																																																									
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40)																																																																																																																																					
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																									
FEE CALCULATION																																																																																																																																									
<p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355 Utility filing fee</td> <td>710</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160 Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245 Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355 Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75 Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 710)</td> </tr> </tbody> </table>								Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	101	710	201	355 Utility filing fee	710	106	320	206	160 Design filing fee		107	490	207	245 Plant filing fee		108	710	208	355 Reissue filing fee		114	150	214	75 Provisional filing fee		SUBTOTAL (1) (\$ 710)																																																																																																
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																						
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																						
101	710	201	355 Utility filing fee	710																																																																																																																																					
106	320	206	160 Design filing fee																																																																																																																																						
107	490	207	245 Plant filing fee																																																																																																																																						
108	710	208	355 Reissue filing fee																																																																																																																																						
114	150	214	75 Provisional filing fee																																																																																																																																						
SUBTOTAL (1) (\$ 710)																																																																																																																																									
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>13.00</td> <td>-20** =</td> <td></td> <td>x 18.00 =</td> <td>0</td> </tr> <tr> <td>2.00</td> <td>- 3** =</td> <td></td> <td>x 80.00 =</td> <td>0</td> </tr> </thead> <tbody> <tr> <td colspan="4"></td> <td></td> </tr> </tbody> </table>								Total Claims	Independent Claims	Multiple Dependent	Fee from below	Fee Paid	13.00	-20** =		x 18.00 =	0	2.00	- 3** =		x 80.00 =	0																																																																																																																			
Total Claims	Independent Claims	Multiple Dependent	Fee from below	Fee Paid																																																																																																																																					
13.00	-20** =		x 18.00 =	0																																																																																																																																					
2.00	- 3** =		x 80.00 =	0																																																																																																																																					
<table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9 Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135 Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40 ** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9 ** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL (2) (\$ 0)</td> </tr> </tbody> </table>								Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	103	18	203	9 Claims in excess of 20		102	80	202	40 Independent claims in excess of 3		104	270	204	135 Multiple dependent claim, if not paid		109	80	209	40 ** Reissue independent claims over original patent		110	18	210	9 ** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$ 0)																																																																																																
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																						
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																						
103	18	203	9 Claims in excess of 20																																																																																																																																						
102	80	202	40 Independent claims in excess of 3																																																																																																																																						
104	270	204	135 Multiple dependent claim, if not paid																																																																																																																																						
109	80	209	40 ** Reissue independent claims over original patent																																																																																																																																						
110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																						
SUBTOTAL (2) (\$ 0)																																																																																																																																									

**or number previously paid, if greater. For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Samson Helfgott	Registration No. (Attorney/Agent)	23,072	Telephone	212-643-5000
Signature		Date		08/24/01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Any fee due with this paper, not fully covered by an enclosed check, maybe charged on Deposit Acct. No. 08-1634

JC872 U.S. PTO
09/939457
08/24/01

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Gorou IKEGAMI, et al.

Filed : Concurrently herewith
For : CHIP-TYPE SEMICONDUCTOR DEVICE
Serial No. : Concurrently herewith

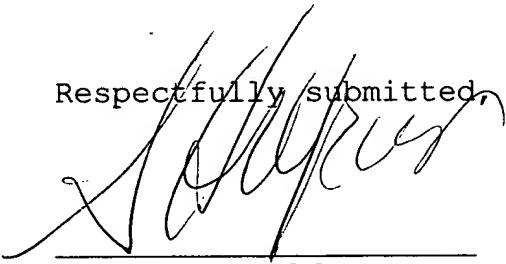
Assistant Commissioner of Patents
Washington, D.C. 20231

SUB-POWER OF ATTORNEY

S I R:

I, Samson Helfgott Reg. No. 23,072 attorney of record herein, do hereby grant a sub-power of attorney to Linda S. Chan, Reg. No. 42,400, Harris A. Wolin, Reg. No. 39,432, Brian S. Myers, Reg. No. 46,947 and Michael Markowitz, Reg. No. 30,659 to act and sign in my behalf in the above-referenced application.

Respectfully submitted,



[X] Samson Helfgott
Reg. No. 23,072
[] Aaron B. Karas
Reg. No. 18,923

HELFGOTT & KARAS, P.C.
60th FLOOR
EMPIRE STATE BUILDING
NEW YORK, NY 10118
DOCKET NO.: NECN 18.947
BHU:power

Filed Via Express Mail
Rec. No.: EL639693882US
On: August 24, 2001
By: Brendy Lynn Belony
Any fee due as a result of this paper,
not covered by an enclosed check may be
charged on Deposit Acct. No. 08-1634..